

WORK ORDER 2008-28

Date opened: 12 December 2008

Project: Quick Release Cargo Basket Assembly  
Type: Bell 206B

Batch Quantity: 3 Complete Basket Assembly (80310-01)

Approval: Pending  
Drawing List: DCL803-3

Fabrication and Assembly Drawing(s)	Description
80310, Rev. 0	Basket Ass'y
80311, Rev. 0	Basket Body Ass'y
80312, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 4	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:

Y ✓

Document Control List revision level matches (or exceeds) STC:

Y ✓

Drawings revision levels match Document Control List:

Y ✓

Purchase order or Work order source is recorded for each part/ass'y:

Y ✓

Tests and inspections specifically called out on drawings are complete:

Y ✓

Release tags associated with all fabricated parts are attached:

Y ✓

All mounting hardware and supplies are included:

Y ✓

List all non-conformities raised: \_\_\_\_\_

  
Inspector Signature:June 27/09  
Date:

Drawing: 80310 Revision 0 *Medium*  
 Assembly: 80310-01 Cargo Basket Ass'y (Quick-Release, ~~Short~~)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Total	80310-01	Cargo Basket Assembly			
1	80311-01	Basket Body Assembly	Below		
1	80312-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace		
1	MS20001P4	Piano Hinge			
1	80327-01	Placard	0.063 Sheet, 6061-T6 Aluminum		
3	49205-14	Bumper	Argus Industries Bumper		
A/R	CR3213-4-02	Cherry Rivet			
4	40088-14	Fitting	Ancra		
4	AN960-616	Washer			
1	AN3-15A	Bolt			
1	AN3-17A	Bolt			
4	AN960-10	Washer			
2	AN970-3	Washer			
2	MS21044N3	Nut			

Processes	Per	Mat'l's Used	Inspection	Signature
Riveting	AC43.13-1B	HR3213-4-02 Rivets		
Final Inspection	Drawing 80310			<i>gc.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 80311 Revision 0 *Medium*  
 Assembly: 80311-01 Basket Body Ass'y (Quick-Release, ~~Short, 67.25" long~~)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Total	80311-01	Basket Body Assembly			
2	80322-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube		
1	80323-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube		
1	80324-01	Attachment Hoop	4130 Steel, 1.0 x 0.065 Sqr. Tube		
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube		
A/R		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube		
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod		
A/R	3/4-16F	Mesh	Expanded carbon steel		

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 80311			
Final Inspection	Drawing 80311			<i>JFC</i>

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Drawing: 80312 Revision 0 *Medium*  
Assembly: 80312-01 Basket Lid Ass'y (Quick-Release, ~~Short, 57.25" long~~)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
3 Total	80312-01	Basket Lid Assembly			
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube		
1	49216-01	Spacer	1018 Steel, 1/2" Rod		
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet		
A/R	3/4-16F	Mesh	Expanded carbon steel		

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 80312		<i>jc</i>	
Final Inspection	Drawing 80312		<i>jc</i>	

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Drawing: 36255 Revision 1  
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
3 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire		
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia		
2	AN3-14A	Bolt			
4	AN960-10	Washer			
2	MS21044N3	Nut			


Processes	Per	Mat'l's Used	Inspection	Signature
Final Inspection	Drawing 36255			

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Drawing: 36261 Revision 4  
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
3 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube		
2	36271-01	Lever	304 Stainless, 0.105 Sheet		
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube		
2	MS20615-4M3	Rivet			

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36261			

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Drawing: 36262 Revision 1  
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
3 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	321 Stainless, 0.050 Sheet		
2	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet		
2	36275-02	Support	304 Stainless, 5/16" Rod		

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36262		gc	

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AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket (Medium) Part #: 80310-01

Approval #: SH09-5 Serial #: 80301-03

WO #: 2008-28 Quantity: 1

Eligibility: Bell 206B Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

June 23/09  
Date

JM Clark  
Inspector's Signature



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Calgary, AB, T2E 6R7

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Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

May 27/09  
Date

Jeff Clarke  
Inspector's Signature

PROTOTYPE

Guardian  
~~Handwritten scribbles~~  
~~Handwritten scribbles~~  
AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

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Approval #: SH09-5 Serial #: 80301-02

WO #: 2008-28 Quantity: 1

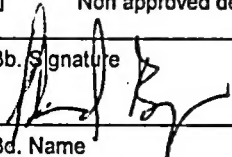
Eligibility: Bell 206B Work Status: Manufactured

Remarks: \_\_\_\_\_

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

June 23 / 09  
Date

J. Chub.  
Inspector's Signature

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice 2008-28	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Cargo Basket	80310-01	1	80301-03	New	
12. Remarks * RCD *						
13a. Certifies that the items identified above were manufactured in conformity to:  <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Ted Burgoin		13e. Date (dd/mmm/yyyy) 8 July, 2011		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

AMF